

SECRET  
(When Filled In)

Approved For Release 2005/11/21 : CIA-RDP78B04770A001500060070-4  
CONTRACT INSPECTION REPORT

25X1

TO:  ENGINEERING SECTION/CB/PD/OL	DATE <b>22 January 1964</b>
	INSPECTION REPORT NO. (If final, so state) <b>30 June 1965</b>
	ESTIMATED COMPLETION DATE

NAME OF CONTRACTOR

TYPE OF COMMODITY OR SERVICE

**Aspheric Lens Design & Study/ Evaporative Surface Study**

THE CONTRACTOR IS ON SCHEDULE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	THE CONTRACTOR WILL PROBABLY REMAIN WITHIN ALLOCATED FUNDS <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
THE CONTRACTOR WILL COMPLETE TASK WITHIN ALLOTTED TIME <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	ALL PHASES OF THE TECHNICAL PROGRESS ARE SATISFACTORY <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

HAS AN INTERIM REPORT, FINAL REPORT, PROTOTYPE, OR OTHER END ITEM BEEN RECEIVED FROM THE CONTRACTOR DURING THE PERIOD? ☐ YES ☒ NO (If yes, give details on reverse side.)

HAS GOVERNMENT-OWNED PROPERTY BEEN DELIVERED TO CONTRACTOR DURING THIS PERIOD? ☐ YES ☐ NO (If yes, indicate items, quantity, and cost on reverse side.)

OVERALL PERFORMANCE OF CONTRACTOR

- |   |  |   |  |
|---|--|---|--|
| 1. <input type="checkbox"/> OUTSTANDING | 3. <input checked="" type="checkbox"/> EXCELLENT | 5. <input type="checkbox"/> ACCEPTABLE      | 7. <input type="checkbox"/> UNSATISFACTORY |
| 2. <input type="checkbox"/> SUPERIOR    | 4. <input type="checkbox"/> HIGHLY SATISFACTORY  | 6. <input type="checkbox"/> BARELY ADEQUATE |  |

IF OVERALL PERFORMANCE OF CONTRACTOR IS UNSATISFACTORY OR BARELY ADEQUATE, INDICATE REASONS ON REVERSE SIDE.

RECOMMENDED ACTION

- |  |  |
|--|--|
| <input checked="" type="checkbox"/> CONTINUE AS PROGRAMMED | <input type="checkbox"/> WITHHOLD PAYMENT PENDING SATISFACTORY PERFORMANCE |
| <input type="checkbox"/> TERMINATE                         | <input type="checkbox"/> OTHER (Specify)                                   |

IF TERMINATION IS RECOMMENDED OR IF THIS IS A FINAL REPORT ATTACH COMMENTS IN NARRATIVE FORM ON CONTRACTOR'S PERFORMANCE AND CERTIFY THAT ALL DELIVERABLE ITEMS UNDER THE CONTRACT HAVE BEEN RECEIVED. THESE INCLUDE, WHERE APPLICABLE, THE FOLLOWING:

ITEM	REC'D	DOES NOT APPLY	ITEM	REC'D	DOES NOT APPLY
PROTOTYPES			MANUALS		
DRAWINGS AND SPECIFICATIONS			FINAL REPORT		
PRODUCTION AND/OR OTHER END ITEMS			SPECIAL TOOLING		
			OTHER GOVERNMENT PROPERTY		

DATE OF LAST CONTACT WITH CONTRACTOR

**21 January 1964 Visited**

(Over)

SIGNATURE OF INSPECTOR

DIVISION

INSPECTOR'S EXTENSION

SIGNATURE OF APPROVER

**NGA Review Complete**

Approved For Release 2005/11/21 : CIA-RDP78B04770A001500060070-4

25X1 1. A routine contract monitoring visit to [redacted] (lens study) [redacted] (evaporative coatings) was made on 21 January 1964 to determine progress made on the contractual work.

25X1 2. [redacted] has completed design of a best possible triplet (contains four elements) utilizing conventional surfaces. He is now involved in 'fixing' the computer program so that he can begin design of the same lens utilizing aspheric surfaces. When designing an extremely high quality lens of this nature it is necessary to consider not only the regular third and fifth order aberrations but possibly on up to eleventh order as they will begin to influence the quality of the final design. He has suffered a delay in that his computer program writer has become pregnant and her services are presently lost.

3. The work in evaporative surfaces is progressing. As usual numerous side problems occur and have to be solved. To date excellent SiO coatings up to 10 wavelength optical thickness have been applied to the glass substrate. They have the desired adherence and hardness and modestly controllable indices of refraction.

4. Progress is excellent to date.